MINI HIFI SYSTEM

M 2300 DAB+

EN

FOR A GOOD REASON

GRUNDIG

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SETUP AND SAFETY

Please note the following instructions:

- The hi-fi system is designed for the playback of audio signals. All other uses are expressly prohibited.
- If you want to set up the hi-fi system on wall shelves or in cupboards, please ensure that it is adequately ventilated. There must be at least 10 cm of space at the side, above and behind the hi-fi system.
- Do not cover the hi-fi system with newspapers, table cloths, curtains, etc.
- When setting up the hi-fi system, remember that furniture is often coated with various types of varnish and plastic, which often contain chemical additives. These additives may cause corrosion to the feet of the unit. This may leave stains on the surface of the furniture which can be difficult or impossible to remove.
- If the hi-fi system is exposed to sudden changes in temperature, for example when taken from the cold into a warm room, wait at least two hours before using it.
- The hi-fi system is designed for use in dry rooms. If you do use it outdoors, make sure it is protected from moisture such as dripping or splashing water.
- Only use the hi-fi system in a moderate climate.
- Do not place the hi-fi system close to heating units or in direct sunlight, as this will impair cooling.
- Do not place any vessels containing liquids, such as vases, on the hi-fi system. Do not insert any foreign objects in the CD compartment.
- Do not place any objects such as burning candles on the hi-fi system.
- If malfunctions occur due to brief mains overloads or static electricity charges, reset the device. To do this, pull out the power plug and connect it again after a few seconds.
- Do not open the hi-fi system casing under any circumstances. Warranty claims are excluded for damage resulting from improper handling.
- Thunderstorms are a danger to all electrical devices. Even if the hi-fi is switched off, it can be damaged by a lightning strike to the mains. Always remove the power plug during a thunder storm.
-
  Prolonged listening with the headphones at loud volumes can damage your hearing.

Note:

- Do not connect any other equipment while the device is switched on. Also switch off the other equipment before connecting it.
- Only plug the device into the mains socket after you have connected the external devices. Make sure the mains plug is freely accessible.

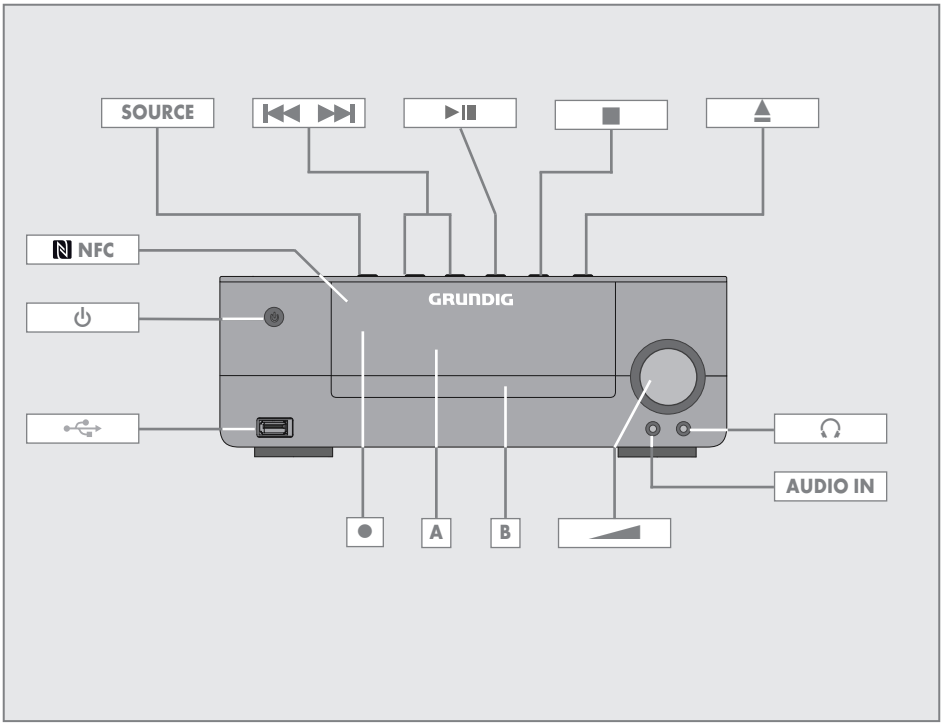
Caution: high-frequency radiation

- The device must be registered and operated in accordance with this operating manual.

  The device has an integrated antenna; it must be operated with other antennas or transmitters.

OVERVIEW

The hi-fi system controls



OVERVIEW

The front of the device

NFC — Position for NFC registration (Near Field Communication) of mobile phones and tablet PCs.

⏻ — Press briefly to switch the device in and out of standby mode. Press and hold down to activate ECO mode.

— USB port type A for connecting a USB memory stick or an MP3 player.

● — Infrared sensor for remote control signals.

A — The hi-fi system displays.

B — CD compartment.

— Adjusts the audio volume.

AUDIO IN — Audio signal input (3.5 mm) for connecting an external device.

— Headphone jack for connecting a stereo headphone set with a jack plug (3.5 mm). This automatically switches off the loudspeakers.

The top of the device

SOURCE — Switches the device on from standby mode. Selects the input sources FM Tuner, DAB Tuner, Bluetooth, Aux, Audio In, Disc and USB.

⏮ ⏭ — In tuner mode: press and hold down to start the reverse or forwards frequency search; press briefly to change the frequency backwards or forwards in steps.

In external data media mode: forward or reverse track selection; press and hold down to search for a certain passage forwards or backwards.

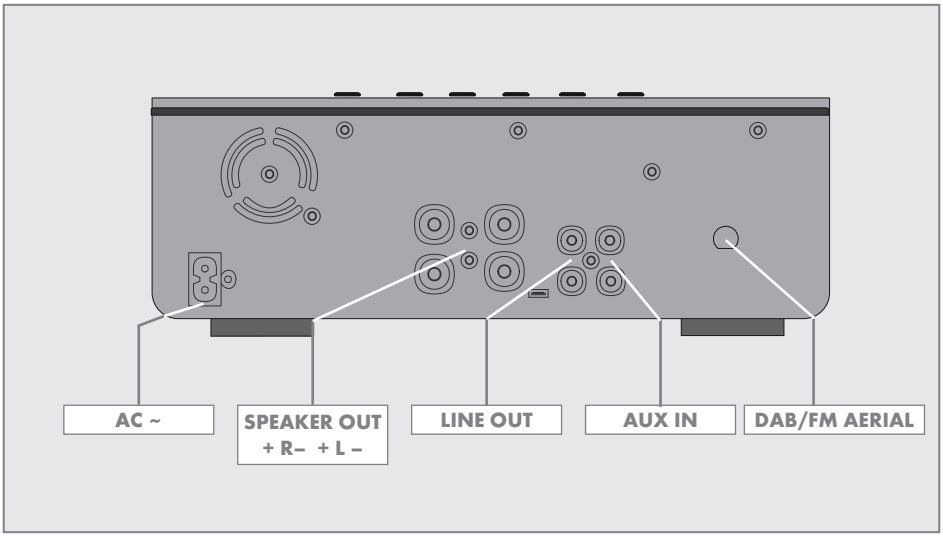
In standby and timer mode: to set hours/minutes.

⏯ — In external data media mode: starts and pauses playback.

■ — In external data media mode: ends playback.

⏏ — Opens and closes the CD compartment.

The back of the device



AC ~ Socket for mains cable.

Note:

- The only way to completely disconnect the hi-fi system from the mains supply is to pull out the plug.

SPEAKER OUT + R– + L – Terminals for connecting the loudspeaker cables. R = right channel, L = left channel.

LINE OUT Audio signal output for connecting an external recording device.

AUX IN Audio signal input (3.5 mm) for connecting an external device, e.g. an MP3 player.

DAB/FM AERIAL Antenna socket for the roof antenna or the auxiliary antenna supplied.

The remote control

⏻	Switches the hi-fi system to standby mode and from standby mode to the last input source selected.
⏏	Opens and closes the CD compartment.
FM/DAB	Selects the FM tuner and DAB tuner input sources.
ᛒ	Selects the Bluetooth input source.
CD	Selects the CD input source.
USB	Selects the USB input source.
AUDIO IN AUX	Selects the Audio In and Aux input sources for use with an external data medium.
∞	In tuner mode: switches between FM stereo and mono reception.
☼	Changes the brightness of the display.
RDS	Opens RDS information.
INTRO	In external data media mode: for playing brief introductions to tracks.
⤮	In external data media mode: plays back tracks in random order.
⟲	In external data media mode: to repeat a track, the CD, the album or the playlist.
INFO	In DAB tuner mode: displays DAB station information. In external data media mode: switches the display between the current track number and the elapsed playing time and displays the ID3 tag information, if available.
◷	In standby: activates the settings for the time.
◷	Activates the settings for timer mode.

|◀ ▶|
In DAB tuner mode: for selecting DAB radio stations from the presets.

In external data media mode: select tracks forwards or backwards.

In standby and timer mode: for setting the hours/minutes.

◀◀ ▶▶
In DAB tuner mode: for selecting DAB radio stations from the station list; for setting the frequency/channel of a DAB radio station.

In FM tuner mode: press and hold down to start the reverse or forwards frequency search;
press briefly to change the frequency backwards or forwards in steps.

In external data media mode: search for a certain passage forwards or backwards.

▶II OK
In menu mode: confirms entries.

In tuner mode: press and hold down to adopt the RDS time.

In external data media mode: starts playback;
pauses playback.

SLEEP
Activates sleep timer mode, sets the time for the sleep timer.

MENU
■
In tuner mode: opens the menu of the device.

In external data media mode: ends playback.

In Bluetooth mode: disconnect the connection to the Bluetooth auxiliary device.

+ 🗀 –
In external data media mode: select albums.

🔇
Switches the hi-fi system speakers to and from mute mode.

– ▁▂▃ +
Adjust the volume.

– BASS +
For tuning to radio stations.

DSC
Selects different sounds settings.

LOUDNESS
The loudness function provides better sound at lower audio volumes.

– TREBLE +
For tuning to radio stations.

1 ... 0
In FM and DAB tuner mode: select preset channels.

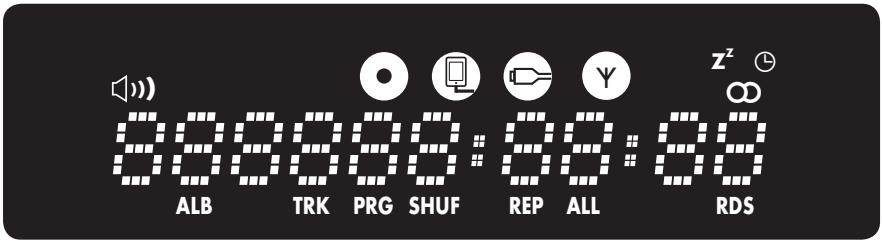
10 +
In FM and DAB tuner mode: selects the tens for presets.

PROG
In FM and DAB tuner mode: pressing briefly activates the memory function; saves radio stations to presets.

In FM and DAB tuner mode: press and hold down start searching for new radio stations.

In external data media mode: activates the Create playlist function;
stores the track when creating a playlist.

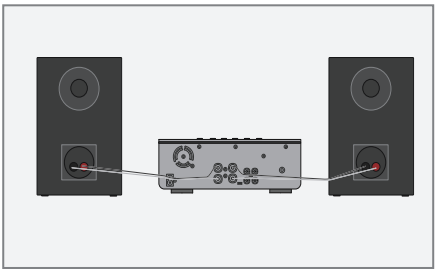
The hi-fi system displays



	The loudness function is activated
	Data medium mode (disc) selected.
	AUX mode selected.
	Data media mode (USB) selected.
	TUNER mode selected.
z z	The sleep timer is activated.
	The timer is activated.
	In tuner mode: a stereo FM station is being received.
88888:88:88	In standby mode: displays the time. In any mode: briefly displays the input source; briefly displays the volume and the sound settings. In tuner mode: displays the station name and RDS information or the waveband and frequency. In external data media mode: displays the total number of albums and tracks and the elapsed playing time and, if available, the ID3 tag information (ticker text).

ALB	In external data media mode: displays albums.
TRK	In external data media mode: displays tracks.
PRG	In tuner mode: a station is being stored. In external data media mode: a playlist is being created
SHUF	In external data media mode: random function activated.
REP	In external data media mode: a track is repeated.
ALB REP	In external data media mode: an album is repeated.
REP ALL	In external data media mode: all tracks on the data medium are repeated.
RDS	An RDS station is being received.

Connecting the loudspeakers



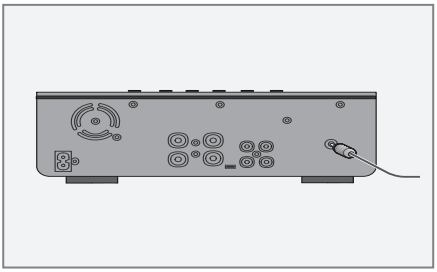
1 Insert the wires of the loudspeaker cable into the side of the threaded fasteners on the loudspeakers and tighten the threaded fasteners.

2 Insert the wires of the loudspeaker cable into the »**SPEAKER OUT R L**« threaded fasteners on the hi-fi system and tighten the threaded fasteners.

Notes:

- Observe the left and right channels (L = left channel, R = right channel).
- Connect each of the red sockets (+) on the hi-fi to the red sockets (+) on the loudspeakers.

Connecting the antenna



1 Plug the roof antenna cable (FM and DAB signal) into the antenna socket »**DAB/FM AERIAL**« on the hi-fi.

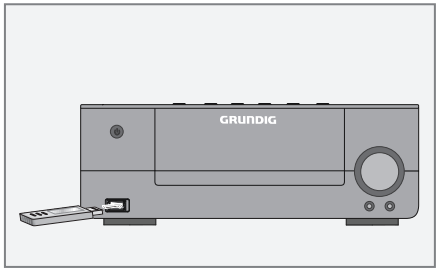
Note:

- If no roof antenna is available, use the auxiliary antenna supplied. When suitably positioned and with adequate signal, this antenna provides adequate reception of FM and DAB channels. Do not shorten the auxiliary antenna.

Connecting an MP3 player or a USB memory stick

Caution:

- The hi-fi system must be switched off while the USB connection is being made. If it is not switched off, data can be lost.



1 Connect the USB interface of the MP3 player to the »⇠⇢« socket of the hi-fi system with a standard USB cable;

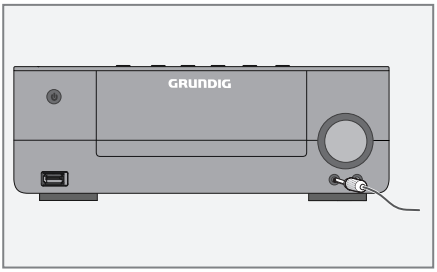
or

insert the USB plug of the USB memory stick into the USB interface »⇠⇢« of the hi-fi system.

Connecting external devices

Note:

- Switch the hi-fi system off before you connect external devices.

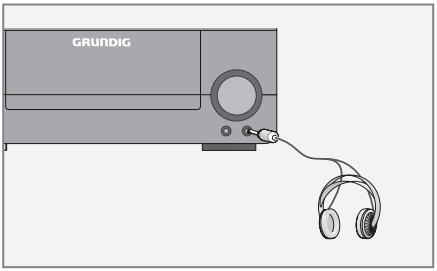


1 Use standard audio cables to connect the audio outputs of the external device to the »**AUX IN**« sockets on the hi-fi system.

Note:

- If possible, connect MP3 players to the »**AUDIO IN**« socket.

Connecting the headphones



1 Insert the headphone plug (3.5 mm) into the »🎧« socket on the hi-fi system.

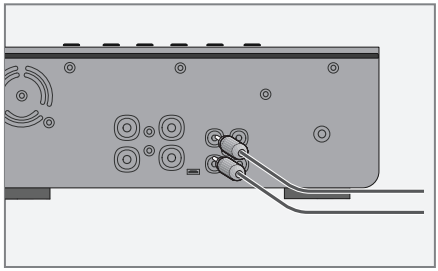
Note:

- The loudspeakers of the hi-fi system are switched off.

Caution:

- Excessive volume levels when using headphones or earphones can damage your hearing.

Connecting an external recording device

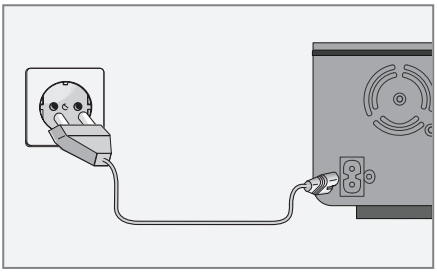


1 Use standard audio cables to connect the sound inputs of the external recording device to the »**LINE OUT**« sockets on the hi-fi system.

Connecting the power cord

Notes:

- Check that the mains voltage on the type plate (on the bottom of the hi-fi system) corresponds to your local mains supply. If this is not the case, contact your specialist dealer.
- All the other devices/loudspeakers must be connected before you connect the power cord.



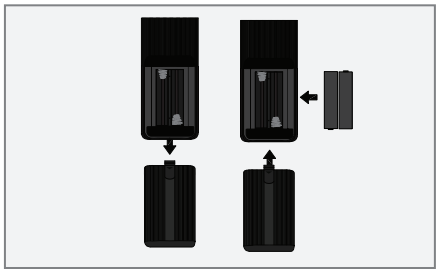
1 Insert the power cord into the »**AC ~**« socket on the hi-fi system.

2 Plug the power cord into the wall socket.

Caution:

- The hi-fi system is connected to the mains with the power cord. Pull out the power plug if you want to completely disconnect the hi-fi system from the mains.
- Make sure the power plug is easily accessible during operation and not hindered by other objects.

Inserting batteries into the remote control



1 Open the battery compartment by pressing down on the catch and then remove the lid.

2 Observe the polarity marked on the base of the battery compartment when inserting the batteries (micro batteries, 2 x 1.5 V, R 03/ UM 4/AAA).

3 Close the battery compartment.

Notes:

- Do not expose the batteries to extreme heat, caused for example by direct sunlight, heaters or fire.
- Remove the batteries when they are flat or when you know that the hi-fi system will not be used for a long period of time. The manufacturer accepts no liability for damage caused by leaking batteries.

Environmental note:

- Batteries, including those which do not contain heavy metal, should not be disposed of with household waste. Always dispose of used batteries in accordance with local environmental regulations.

Tuning and storing DAB radio stations

Note:

- Make the settings with the buttons on the remote control.

Initial setup

When the device is connected to the mains for the first time or after a reset, the device starts an automatic station search for DAB radio stations and then stores them in the station list.

1 Switch on the hi-fi system by pressing »**FM/DAB**«.
   – Display: »Hello« briefly, followed by »DAB« and then »SCANNING«.
   – The automatic station search starts and finds and stores DAB radio stations.
   – Then the device switches to the first station in the station list.

Note:

- If there is no antenna signal, »OFF AIR« is displayed.

Storing DAB radio stations as presets

After the automatic station search, all the DAB radio stations in are stored in the station list. You can store your favourite DAB radio stations on the presets 1 to 40.

1 Select a DAB radio station by pressing »◀◀« or »▶▶«.

2 Save a DAB radio station as a preset by pressing »**PROG**«, selecting the preset with »|◀« or »▶|« and then press »**PROG**« to save.
   – Display: »P01 STORED«.

Note:

- You can also select the preset with the number buttons »**1 ... 0**«.
  For two-digit preset numbers, first press »**10+**« or select the preset double-digit with the numeric buttons.

3 To save more DAB radio stations, repeat steps 1 and 2.

Add DAB radio stations after a change of location

You can restart the automatic station search. This is useful if you want to operate the device at a new location or if you want to search for new DAB radio stations.

1 Switch on the hi-fi system by pressing »**FM/DAB**«.
   – Display: the name of the radio station, such as »BS AKTUELL«.

2 Open the menu by pressing »**MENU ■**«.

3 Select the »FULL SCAN« menu item with »◀◀« or »▶▶« and press »**▶II OK**« to confirm.
   – Display: »SCANNING«, the automatic station search starts, then finds and stores radio stations in the station list.

Setting and storing DAB radio manually

1 Switch on the hi-fi system by pressing »**FM/DAB**«.

2 Open the menu by pressing »**MENU ■**«.

3 Select the »MANUAL« menu item with »◀◀« or »▶▶« and press »**▶II OK**« to confirm.
   – Display: e.g. »5A 174.928« (channel and frequency of a DAB radio station).

4 Set the frequency/channel by pressing »◀◀« or »▶▶« on the remote control.

5 Confirm the frequency/channel with »**▶II OK**«.
   – The reception level is displayed.

6 Confirm the setting with »**▶II OK**«.
   – The DAB radio stations are stored in the station list.

Tuning and storing FM radio stations

You can store up to 40 FM radio stations on preset channels.

1 Switch on the hi-fi system by pressing »⏻«, »**SOURCE**« on the device or »**FM/DAB**« on the remote control.

2 Select the FM TUNER input source by pressing »**SOURCE**« on the device or »**FM/DAB**« on the remote control.

Setting and storing FM radio stations automatically

The device searches for up to 40 stations with strong reception and stores them automatically. After the search has finished, you will hear the station stored at preset 01.

1 Activate the station search by pressing »**PROG**« until the frequency display changes to rapid run-through.
– Display: »AUTO«.

Setting and storing FM radio stations manually

1 Switch on the hi-fi system by pressing »**FM/DAB**«.

2 Select the FM input source by pressing »**FM/DAB**«.

3 Open the menu by pressing »**MENU ■**«.

4 Select the »SCAN SET« menu item with »◀◀« or »▶▶« and press »**▶II OK**« to confirm.
– Display: »ALL«.

Note:

- You can select whether it searches for radio stations with strong reception (display »STRONG«) or all radio stations (display: »ALL«).

5 Select the option with »◀◀« or »▶▶«.

6 Press »**MENU ■**« to close the menu.

7 Set the radio station by pressing and holding down »◀◀« or »▶▶«.
– The radio station search starts and stops at the next station with a good reception signal;

<u>or</u>

keep pressing »◀◀« or »▶▶« until you reach the frequency you want.
– Each time you press the button, the frequency changes by 50 Hz.

8 Save the FM radio station on a preset, to do this press »**PROG**«. Select preset with »|◀« oder »▶|« and confirm with »**PROG**«.

Setting the time automatically

The time is updated automatically if a DAB or RDS radio station transmits a time signal.

Note:

- The time must be reset after a power failure or after disconnecting from the mains.

1 Select the DAB input source by pressing »**SOURCE**« on the device or »**FM/DAB**« on the remote control.

2 Select a DAB radio station by pressing »|◀◀« or »▶▶|« on the device »|◀« or »▶|« on the remote control.

3 Press »**INFO**« on the remote control to switch to the time display for the DAB radio station and confirm the time with »**▶II OK**«.
– Display: »CT SYNC«, the time is adopted.

Note:

- Some RDS stations (FM radio stations) transmit an RDS time signal. If the selected RDS station transmits time information, the time can be updated automatically.
  In FM tuner mode, press »**RDS**« repeatedly until the time is displayed. If »DATE/CLOCK« is displayed, the time signal has not yet been received. Please wait until the time is displayed.
  If the correct time is displayed, press »**▶II OK**« to confirm it.

Setting the time manually

The time can also be set manually.

1 Switch off the hi-fi by pressing »⏻«.

2 To set the time in standby mode, press and hold »🕘« for about 2 seconds.
– Display: »CLOCK SET« and then »CLOCK 24 HR«.

2 Select the hour format (12 or 24 hours) by pressing »**VOLUME**« on the device or by pressing »|◀« or »▶|« on the remote control and confirm with »🕘«.
– The hours flash.

3 Set the hours by pressing »**VOLUME**« on the device or by pressing »|◀« or »▶|« on the remote control and confirm with »🕘«.
– The minutes flash.

4 Set the minutes by pressing »**VOLUME**« on the device or by pressing »|◀« or »▶|« on the remote control and confirm with »🕘«.
– Display: the current time.

GENERAL FUNCTIONS

Switching on and off

The only way to disconnect the hi-fi system from the mains supply is to pull out the plug.

1 Switch on the hi-fi by pressing »⏻« or »**SOURCE**« on the device.
   – The last input source used is automatically selected.

Note:

- The hi-fi system can also be switched on by pressing »**FM/DAB**«, » « , »**CD**«, »**USB**« or »**AUX**« on the remote control.

2 Switch the hi-fi system to clock mode mode by pressing »⏻«.
   – Display: the clock time.

ECO mode

To reduce the power consumption to less than 0.5 W, the hi-fi system is switching during standby into ECO mode.
In ECO mode, the time display disappears; it can be displayed by pressing »🕘«.

1 In ECO mode, press »🕘« button one time
   – The clock time can be displayed 90 seconds.

2 In ECO mode, long press »⏻« button about 2 seconds.
   – The unit will be switched to standby mode and clock time will be displayed meanwhile.
   – The Unit will enter ECO mode again after 15 minutes.

Automatic switch-off

The device switches off automatically after 15 minutes in clock mode and 1 minute later to the ECO mode if:
– the device is in the stop position;
– there is no disc insert;
– there is no plug connected to the »**AUX IN**« or »**AUDIO IN**« socket;
– the Bluetooth auxiliary devices is not sending an audio signal;
– There is no external data media connected on »⇤⇥« socket.
To use the device, switch it back on.

Adjusting the volume

1 Press » **VOLUME**« on the hi-fi or »**– VOL +**« on the remote control to change the volume.

Selecting sound settings

You can choose between preset sound settings.

1 Select the sound setting using »**DSC**« on the remote control.

Changing the bass or treble

1 Change the bass using » **– BASS +**« on the remote control.

2 Change the treble using » **– TREBLE +**« on the remote control.

Loudness

The loudness function provides better sound at lower audio volumes.

1 Switch loudness on and off using »**LOUDNESS**« on the remote control.

Note:

- If you select a sound setting, this cancels your adjustment of the bass, treble or loudness.

Muting

You can switch the hi-fi speakers to and from mute mode with this function.

1 Activate mute with »🔇« on the remote control.

2 Deactivate mute with »🔇« on the remote control.

Displaying the time

1 Display the time with »🕘« on the remote control.

2 Switch off the time with »🕘« on the remote control.

Setting the brightness of the display

1 Adjust the brightness of the display (3 stages) with »☼« on the remote control.

DAB tuner mode

Selecting the DAB tuner input source

1 Select the FM TUNER input source by pressing »**SOURCE**« on the device or »**FM/DAB**« on the remote control.
– Display: »DAB«, followed by the name of a DAB station.

Selecting stored stations

1 Select a DAB radio station from the station list by pressing »◀◀« or »▶▶« on the remote control or »|◀◀« or »▶▶|« on the device.

2 Select a preset for a DAB radio station by pressing »|◀« or »▶|« on the remote control.

Note:

■ You can also select the preset with the number buttons »**1 ... 0**«.
For two-digit preset numbers, first press »**10+**« or select the preset double-digit with the numeric buttons.

Displaying DAB station information

1 To briefly display information on the current DAB station, press »**INFO**« repeatedly.
– Name of the radio station, the Dynamic Label Segment, the signal strength, the programm type, the ensemble (e.g. BR for Bayern), the frequency, the reference to signal errow, the bit rate of the transmission standard, the DAB type, time and date.

Setting Dynamic Range Control (DRC) for DAB stations

When you activate Dynamic Range Control, you can hear quiet sounds better in a loud environment.

1 Open the menu by pressing »**MENU** ■«.

2 Select the »DRC« menu item with »◀◀« or »▶▶« and press »▶II **OK**« to confirm.
– Display: »DRC HIGH«.

3 Select »DRC HIGH« or »DRC LOW« option with »◀◀« or »▶▶« and press »▶II **OK**« to confirm.

4 Press »**MENU** ■« to close the menu.

Note:

■ The DAB station must support DRC.

FM tuner mode

Selecting the FM tuner input source

1 Select the FM TUNER input source by pressing »**SOURCE**« on the device or »**FM/DAB**« on the remote control.
– The most recently selected station is played (Last Station Memory).

Selecting presets

1 Select a preset by pressing »⏮« or »⏭« on the device or »⏮« or »⏭« on the remote control.

Stereo/mono reception

When the hi-fi system receives stereo channels, »∞« appears in the display. If the signal from the stereo channel is weak, you can improve the sound quality by switching to mono reception.

1 Press »∞« on the remote control to switch to mono reception.

2 To switch back to FM stereo, press »∞« on the remote control.

Displaying RDS station information

If the device receives an RDS station, the station name appears in the display together with »**RDS**«. If no information is available, the reception frequency appears in the display.

Additional information can be displayed.

1 To display information on the current RDS station, press »**RDS**« repeatedly.
– The following displays appear in sequence:
The name of the radio station.
The current programme type (PTY), e.g. »Pop music«. »[No PTY]« appears if information is not available.
The radio text.
The time.
The frequency.

Using CDs

The device is suitable for music CDs displaying the logo shown here (CD-DA) and for CD-Rs and CD-RWs with audio data.

- The device cannot play CD-ROM, CD-I, CDV, VCD, DVD or computer CDs.
- In MP3/WMA mode, the terms "album" and "file" are very important. "Album" corresponds to a folder on a PC, "file" to a file on a PC or a CD-DA track. An MP3/WMA CD may not contain more than 999 tracks/folders in total.
- When burning CD-R and CD-RWs with audio files, various problems may arise which could lead to problems with playback. This can be caused by faulty software or hardware settings or by the CD being used. Should such problems arise, contact the customer services of your CD burner or software manufacturer or look for relevant information, for example on the Internet.
- When you are making audio CDs, observe all legal guidelines and ensure that the copyright of third parties is not infringed.
- Always keep the CD compartment closed to prevent dust from collecting on the laser optics. The CD compartment closes automatically after a short time.
- Do not attach adhesive labels to CDs. Keep the surfaces of CDs clean.
- You can play standard 12 cm CDs as well as 8 cm CDs on your device. An adapter is not necessary.

Operation with an MP3 player or USB memory stick

- The »⇾« socket is not compatible with USB hubs and cannot be connected directly to a PC.
- The USB interface of this device is a standard interface. All currently-known MP3 chip concepts were taken into account when it was developed. Due to rapid progress in MP3 technology and new manufacturers appearing every day, the compatibility of MP3 players/USB memory sticks can only be partially guaranteed.
  If USB operation is impaired or is not possible, this does not indicate a malfunction of the device.
- Bi-directional data transfer as defined for ITE devices in EN 55022/EN 555024 is not possible.
- USB transfer is not in itself an operating mode. It is only an additional function.
- Never remove a MP3 player/USB memory stick during playback. This can result in damage to the data and the devices.
  No warranty claims are accepted for damage incurred as a result of this.

Inserting/connecting music data media

Inserting the disc

1 Press »⏏« to open the CD compartment.
  – The CD compartment opens.

2 Put in the disc with its label facing upwards.

3 Press »⏏« to close the CD compartment.
  – The disc is read.
  – Display in MP3/WMA mode: the total number of albums and tracks.
  – Display in CD-DA mode: the total number of tracks and the total playing time.

Connecting an MP3 player or a USB memory stick

1 Switch the device to standby mode by pressing »⏻«.

2 Connect the USB interface of the MP3 player to the »⇤⇥« socket of the hi-fi system with a standard USB cable;

or

insert the USB plug of the USB memory stick into the USB interface »⇤⇥« of the hi-fi system.

3 Switch on the device from standby by pressing »⏻«.
– Display: the total number of albums and tracks.

Selecting the input source

1 Select the input source (»CD« or »USB«) by pressing »**CD**« or »**USB**«.

Playback

Starting playback

When you play music CDs, you can select the track; when you play MP3/WMA files, you can also select folders.

1 Playback starts automatically, if necessary press »**▶II**« on the hi-fi system or »**▶II OK**« on the remote control to start playback;

or

select the folder by pressing »+ 🗀 –«, then select the track with »|◀« or »▶|«.
– Playback starts automatically.
– Display: number of folders and tracks, the name of the track and the elapsed playing time.

Note:

- If no data medium is inserted/connected, the message »NO DISC« or »NO USB« appears.

Pausing and resuming playback

1 Press »**▶II**« on the hi-fi system or »**▶II OK**« on the remote control to pause playback.
– Display: the playing time flashes.

2 Press »**▶II**« on the hi-fi system or »**▶II OK**« on the remote control to resume playback.

Pausing and resuming playback

1 To pause playback, press »**MENU ■**« once.
– If you select the data medium again, playback continues from the point at which it stopped.

Stopping playback

1 To stop playback, press »**MENU ■**« twice.
– When playback starts again, it begins from the first track.

Repeating the current track

1 Press »|◀« briefly during playback.

Selecting another track

1 Press »|◀« or »▶|« repeatedly during playback until the number of the track you want appears in the display.
– Playback of the selected track starts automatically.

Searching for a passage within a track

1 During playback, press »◀◀« or »▶▶« and hold down until the passage has been found.

2 Playback begins if you release »◀◀« or »▶▶«.

Displaying track information (for MP3/WMA)

If information about the artist, album and track are available on the data medium, this is displayed after 6 seconds automatically (ID3 tag).

1 Press »**INFO**« to enter or exit the ID3 mode.

Repeat functions

Repeating a track (Repeat One)

1 Press »↻« once during playback.
- Display: »**REP**«, the current track is repeated.

2 To stop the function, press »↻« so repeatedly until the display »**REP**« disappears.

Repeating all the tracks of a folder (Repeat Folder) (MP3/WMA only)

1 Press »↻« twice during playback.
- Display: »**REP**« and »**ALB**« flashes.
- All the tracks in the current folder are played back repeatedly.

2 To stop the function, press »↻« repeatedly until the display »**REP**« disappears.

Repeating all tracks on the data medium (Repeat All)

1 Press »↻« three times during playback.
- Display: »**REP ALL**«.
- All the tracks in the current folder are played back repeatedly.

2 To stop the function, press »↻« repeatedly until the display »**REP ALL**« disappears.

Playing back tracks in random order (Random)

1 Press »⤮« during playback.
- Display: »**SHUF**«.
- All tracks on the data medium are played back once in random order.

2 Press »⤮« to switch off the random function.
- The display »**SHUF**« disappears.

Playing the start of each track (intro)

1 Press »**INTRO**« during playback.
- Intro playback starts automatically.
- The first ten seconds of all the tracks or all the remaining tracks on the data medium are played.

2 To quit this function, press »**INTRO**« again.

Creating a playlist

You can create a track memory of up to 32 tracks for the current data medium in any order you choose and then play them back in that sequence. A track may be saved more than once.
The entries can only be made in stop mode.

Selecting and storing tracks

1 Press »**MENU** ■« to end playback.

2 Press »**PROG**« to open the function.
– Display: » 1 1 P-01«, »**PRG**« lights up.

3 Select the folder by pressing »+ 🗀 –«, then select the track with »|◀« or »▶|« and save it with »**PROG**«.
– Display: » 1 2 P-02«, »**PRG**« lights up.

4 To store more tracks, repeat step 3.

Playing back a playlist

1 Start playlist playback with »▶II **OK**«.
– Playback begins with the first programmed track.

2 Press »**MENU** ■« once to stop playback.

3 To play the playlist again, press »**PROG**« in the stop position, followed by »▶II **OK**«.

Deleting the playlist

1 To delete the playlist, press »**MENU** ■« twice in the stop position;

or

open the CD compartment;

or

select a different input source.

Compatible with the following devices

Your M 2300 can be connected to any commercially available Bluetooth-compatible devices that comply with the A2DP standard. This includes smartphones, laptops and tablet PCs, for example.

Selecting the Bluetooth input source

1 Select the Bluetooth input source by pressing »**SOURCE**« on the device or »⌘« on the remote control.
– Display: »BT DISCONNECT«.

Finding and connecting a Bluetooth auxiliary device

1 Activate the Bluetooth function on the Bluetooth auxiliary device.

2 Start the search function on the Bluetooth auxiliary device.
– After a short time, your M 2300 will be displayed on the Bluetooth auxiliary device.

3 Select the M 2300 on the Bluetooth auxiliary device and connect to it.

4 When the Bluetooth auxiliary device is connected to your device, »BT« is displayed on the M 2300.

Note:

- Your M 2300 can only receive and play the audio signal from one Bluetooth device; however, up to 8 Bluetooth auxiliary devices can be logged on.

Activating a Bluetooth auxiliary device that is logged on

Notes:

- You only have to log Bluetooth auxiliary devices on once.
- When the Bluetooth auxiliary device leaves and then moves back into signal range of the M 2300, the auxiliary device logs on automatically.
- The M 2300 automatically connects to the last Bluetooth auxiliary device that was logged on.
- If the Bluetooth auxiliary device is not recognised, it has to be activated again via its own menu.

Playback from the Bluetooth auxiliary device

1 Start playback on the Bluetooth auxiliary device.

2 Set the preferred volume with »**VOLUME**« on the hi-fi or »**– VOL +**« on the remote control.

3 End playback on the Bluetooth auxiliary device.

Notes:

- Various functions can also be controlled on the M 2300.
  Press »▶II« to pause playback,
  press »▶II« again to resume playback;
  press »|◀« to select the previous track and »▶|« for the next track.
- Note that the data transmission range can be as much as 9 m, depending on the Bluetooth device that is used and the structure of the building.

Logging out the Bluetooth auxiliary device

1 Log out the Bluetooth device or press and hold down »**MENU ■**« on the M 2300.
– The display changes to »BT CLEAR«.

Logging the Bluetooth device back on

1 If you move out of data transmission range or switch off Bluetooth mode, the Bluetooth auxiliary device is logged out.

2 To log back on, select your M 2300 again on the Bluetooth auxiliary device.

Note:

- If it is not possible to connect to a Bluetooth auxiliary device that was registered previously, remove your M 2300 from the Bluetooth auxiliary device's device list and repeat the search and connection procedure.

NFC MODE

Logging on and connecting a mobile telephone (NFC standard)

As an alternative to the Bluetooth log on you can simply log on a mobile telephone or a tablet PC which conforms to the standard NFC (near field communication) on to your M 2300. Mobile phones and tablet PCs with appropriate hardware and software are suitable.

1 Select the Bluetooth input source by pressing »**SOURCE**« on the device or »ᛒ« on the remote control.
– Display: »BT DISCONNECT«.

2 Hold the mobile phone or the tablet PC on the »N« marking on the front of your M 2300.
– The logging on process starts automatically. If the mobile phone/the tablet PC was detected, a signal tone is emitted and the Display: »BT CONNECT« appears.

Note:
- The log on must be confirmed on the mobile phone/ tablet PC when doing so for the first time.

3 To log out hold the mobile phone / the tablet PC again over the »N« marking on the front of your M 2300.

N™ is a registered trade mark of the NFC Forum, Inc., and is registered in the USA and other countries.

USING EXTERNAL DEVICES

Listening to the audio signal from an external device

You can play the audio signal from an external device (e.g. an MP3 player) on the hi-fi system.

Notes:
- The external devices must be connected to the »**AUX IN**« socket or the »**AUDIO IN**« socket.
- If possible, connect MP3 players to the »**AUDIO IN**« socket.

1 Switch on the device from standby by pressing »⏻«.

2 Select the AUDIO IN or AUX input source by pressing »**SOURCE**« on the device or »**AUDIO IN AUX**« on the remote control.
– Display: »📱« and »AUDIO IN« or »AUX«.

3 Start playback on the external device.

Recording on an external recording device

Note:
- The external recording device must be connected to the »**LINE OUT**« socket.

1 Select the input source by pressing »**FM/DAB**«, »**CD**«, »**USB**«, »ᛒ« or »**AUDIO IN AUX**«.

2 Connect/insert data medium and start playback;

<u>or</u>

select radio station.

3 Start recording on the external recording device.

TIMER MODE

Your hi-fi system has two timer modes:
- The timer, which switches the hi-fi system on at a preset time and wakes you with the input source you selected.
- The sleep timer, which switches the hi-fi system off at a preset time.

Notes:
- You can only set the timer mode with the buttons on the remote control.
- The time has to be set on the hi-fi system.
- When this setting is being made, if no button is pushed for more than 10 seconds, the hi-fi system will end the process automatically. You then have to start again.

Timer

Setting the timer

1 Press »⏲« from the switched off state.
- Display: »TIMER SET« appears, followed by the last input source selected.

2 Select the input source (TUNER, DAB, DISC or USB) by pressing »|◀« or »▶|« and confirm with »⏲«.
- Display: the hours of the switch-off time flash.

Note:
- If you selected the signal source DISC or USB and the file is damaged or there is no CD in the CD compartment, the hi-fi automatically switches to TUNER mode.

3 Enter the hours of the switch-on time with »|◀« or »▶|« and confirm with »⏲«.
Enter the minutes of the switch-on time with »|◀« or »▶|« and confirm with »⏲«.
- Display: »VOL«.

4 Set the volume with »|◀« or »▶|« and confirm with »⏲«.
- Display: the current time and »⏲«.
- The timer is activated

Activating and deactivating the alarm

1 Deactivate the alarm by pressing »⏲« once briefly.
- Display: »⏲« disappears when the timer is deactivated.

Sleep timer

Setting the sleep timer

1 Switch on the hi-fi system from standby by pressing »⏻«.

2 Open the function with »**SLEEP**« on the remote control.
- Display: »SLEEP--OFF«.

3 Select the switch-off time (» 10«, »20« to »90«, »OFF«) with »**SLEEP**«.
- Display: e.g. »SLEEP--30«, is displayed briefly, then the selected input source and »z^z«.
- The hi-fi system switches off after the selected time has elapsed.

Ending the sleep timer prematurely

1 To end the sleep timer prematurely, press »**SLEEP**« repeatedly until »SLEEP--OFF« appears in the display and »z^z« disappears;

<u>or</u>

switch the hi-fi system to standby mode by pressing »⏻«.

Delete settings (Reset)

The device can be reset using this function.
As a result, the preset radio stations and the station listing will be deleted.

1 Open the menu by pressing »**MENU ■**«.

2 Select the »*SYSTEM*« menu item with »**◀◀**« or »**▶▶**« and press »**▶II OK**« to confirm.

3 Confirm the »*RESET*« menu item with »**▶II OK**«.
– A security prompt appears.

4 Select the »*Y*« (yes) option with »**▶▶**«.

Note:
■ To cancel the reset function, select »*N*« (no) with »**◀◀**«.

5 Confirm the setting with »**▶II OK**«.

Selecting the software version

1 Open the menu by pressing »**MENU ■**«.

2 Select the »*SYSTEM*« menu item with »**◀◀**« or »**▶▶**« and press »**▶II OK**« to confirm.

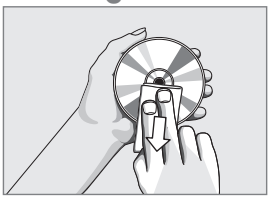
3 Select the »*SW VER*« menu item with »**◀◀**« or »**▶▶**« and press »**▶II OK**« to confirm.
– The software version is displayed.

4 Press »**MENU ■**« to close the menu.

Cleaning the hi-fi system

Pull the power cord out of the mains socket. Clean the appliance with a damp cloth and a mild detergent. Do not use any detergents containing alcohol, spirit, ammonia or scouring agent.

Cleaning the CD unit



If the device is unable to scan CDs properly, use a standard, commercially available cleaning CD to clean the laser optics. Other cleaning methods may damage the laser optics.

Use a lint-free cloth for cleaning the CD and always wipe it from the inside out in a straight line. Do not use cleaning agents for conventional vinyl discs, nor any solvents or abrasive cleaners.

Technical data

CE

This device is noise-suppressed according to the applicable EU directives.

This product fulfils the European directives 1999/5/EC, 2009/125/ EC and 2011/65/EU.

To obtain a copy of the Declaration of Conformity (Doc), please submit your request by using the contact information at www.grundig.com/download/doc.

The type plate is located on the bottom of the hi-fi system.

System

Power supply

Operating voltage:	220 - 240 V~
Mains frequency:	50/60 Hz
Max. power consumption: :	33 W
Power consumption (ECO mode):	≤ 0.5 W

Amplifier unit

output:

Sine wave power:	2 x 50 W
Loudspeaker impedance:	6 Ω
Signal-to-noise ratio:	≥ 80 dBA

Receiver unit

Reception range:

DAB/DAB+: 174.928 ... 239.200 MHz
FM: 87.5 ...108.0 MHz

CD unit

Frequency response: 20 Hz ... 20 kHz
Noise voltage ratio: ≥ 96 dBA

MP3/WMA

Folder and track:
Max. 256 folders and 999 tracks per CD

File system/folder management:
ISO 9660 Level 1 compatible

USB

USB 2.0 for FAT 32/16 format

Dimensions and weight

Device dimensions (with threaded fasteners):
W x H x L 260 x 100 x 300 mm

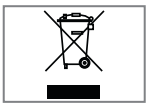
Device weight: 2 kg

Loudspeaker dimensions:
W x H x L 155 x 240 x 235 mm

Loudspeaker weight: 2.37 kg

Technical and design modifications are reserved.

Environmental note



This product has been made from high-quality parts and materials which can be re-used and recycled.

Therefore, do not dispose of the product along with normal household waste at the end of its service life. Take it to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, in the operating manual or on the packaging indicates that recycling is possible.

Please find out about collection points operated by your local authority.

Help protect the environment by recycling used products.

General information on laser devices

CLASS 1
LASER PRODUCT

This device is a CLASS 1 LASER PRODUCT. This means that the laser is designed in such a way as to ensure that the maximum permissible emission value cannot be exceeded under any circumstances.

Caution:

If operating devices or methods other than those specified here are employed, it may lead to dangerous exposure to emissions.

This device emits laser radiation. Because of the danger of eye injuries, the unit may only be opened or serviced by trained personnel.

If settings other than those stated here are used or other procedures are carried out, this may lead to dangerous exposure to radiation.

Troubleshooting

Not every kind of sound interference is caused by a defect in your hi-fi system. Cables that have accidentally been disconnected, damaged CDs and flat batteries for the remote control will impair functioning. If the following measures do not resolve the problem satisfactorily, please visit www.grundig.com, product range: hi-fi, micro CD stations or contact your specialist dealer.

Problem	Possible cause/remedy
»NO DISC« is displayed.	Insert a CD.
	Check that the CD was inserted with the label facing upwards.
	Moisture may have collected on the laser lens; wipe it clean.
	Clean the CD (see "INFORMATION") or use a different CD.
	The CD-RW/CD-R is not finalised.
Poor radio reception.	Reception signal too weak; position the wire antenna differently.
	Move the hi-fi further away from the television.
The hi-fi system does not react when the buttons are pressed.	Disconnect the power cord from the mains plug, reinsert it after a short time and switch the hi-fi back on.
Sound too quiet or poor sound quality.	Turn up the volume.
	Loudspeakers connected properly?
	Pull out the headphones jack.
	Check the loudspeaker connections.
Stereo sounds wrong.	Loudspeakers connected properly?
The remote control does not work.	First select the input source then use the function buttons.
	Hold the remote control closer to the hi-fi.
	Check the polarity of the batteries.
	Insert new batteries.
	Point the remote control directly at the receiver on the front of the hi-fi.
The timer function does not work.	Set the time.
	Activate the timer function with »⏱«.
Time and timer setting not displayed.	Power failure or the power plug has been pulled out of the wall socket. Set the time.
CD-Rs or CD-RWs are not played back, or are played back incorrectly.	The CD is faulty or the software or hardware settings were incorrect during burning Check the components of your CD burner/burner software or change the CD you are using
During playback of a track, the device switches to a different folder.	If the current folder contains a faulty track or a track with an invalid name, the device automatically switches to another folder.

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